

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A method for dispersing pulp, especially pulp containing waste paper, that contains solid material and a liquid phase, in which method ground pulp mass is fed between two conical surfaces (3) with protruding blades (4) of a dispersing device, wherein the conical surfaces (3) with the protruding blades (4) are brought in a rotating movement in relation to one another, characterized in that the dispersing event takes place in a narrow opening (5) between the conical surfaces (3) with the protruding blades (4), at an outlet end (6) of which there is arranged a running wheel (7) acting as attached to one of said two conical surfaces, said running wheel shaped so as to protrude within an outlet chamber (9) and thereby act as a pump by which the pulp is pumped out of the dispersing device by centrifugal force.
2. (previously presented) A method according to claim 1, characterized in that one of the conical surfaces acts as rotor and the other conical surface acts as stator.
3. (previously presented) A method according to claim 2, characterized in that said running wheel (7) is fixed on the one of the conical surfaces acting as a rotor in such a way that it diverts the flow of mass away from the axis of the cone.
4. (previously presented) A method according to claim 3, characterized in that the pulp is diluted at the outlet end (6) of the blade opening (5) fluid introduced to an intake side of the running wheel (7).
5. (previously presented) A method according to claim 4, characterized in that the consistency of the pulp to be dispersed is before dilution 15-35%.

6. (previously presented) A method according to claim 5, characterized in that the consistency of the pulp after dilution is 4-12%.
7. (previously presented) A method according to claim 6, characterized in that the pulp containing waste paper is dispersed in order to release printing ink and/or impurities from the fibers of the pulp.
8. (withdrawn) A dispersing device for processing pulp, especially pulp containing waste paper, the dispersing device comprising mutually opposed working surfaces (2) fitted with blades that may be brought into a revolving motion in relation to one another, a feed channel (1) for introducing pulp to the blade opening between the blade surfaces as well as an outlet chamber (6) for removal of the dispersed pulp, characterized in that its blade surfaces (2) are conical and that it comprises additionally a running wheel (3) situated at the outlet end of the blade opening.
9. (withdrawn) A dispersing device according to claim 8, characterized in that it comprises one or more feed channels (7) for the diluting fluid.
10. (withdrawn) A dispersing device according to claim 9, characterized in that the conical surface is at a 10-75° angle to the axis of the cone, preferably at a 10-30° angle to the axis of the cone.
11. (withdrawn) A dispersing device according to claim 10, characterized in that the blades (4) are arranged on said conical surface such that they overlap.

12. (withdrawn) A dispersing device according to claim 11, characterized in that the blade surfaces of the device consist of cylindrical surfaces and conical surfaces that are in extension to one another.

13. (withdrawn) A dispersing device according to claim 8, characterized in that the conical surface is at a 10-75° angle to the axis of the cone, preferably at a 10-30° angle to the axis of the cone.

14. (withdrawn) A dispersing device according to claim 8, characterized in that the blades (4) are arranged on said conical surface such that they overlap.

15. (withdrawn) A dispersing device according to claim 8, characterized in that the blade surfaces of the device consist of cylindrical surfaces and conical surfaces that are in extension to one another.

16. (cancelled)

17. (currently amended) A method according to claim 1, characterized in that [[the]] the pulp is diluted at the outlet end (6) of the blade opening (5) by fluid introduced to an intake side of the running wheel (7).

18. (previously presented) A method according to claim 17, characterized in that the consistency of the pulp to be dispersed is before dilution 15-35%.

19. (previously presented) A method according to claim 17, characterized in that the consistency of the pulp after dilution is 4-12%.

20. (previously presented) A method according to claim 1, characterized in that the pulp containing waste paper is dispersed in order to release printing ink and/or impurities from the fibers of the pulp.

21. (new) The method according to claim 1 wherein the running wheel (7) has at least one flow channel (8) arranged so that the pulp is transferred through said at least one flow channel.